

Converting Colors

Hex(9100AB)

Have a look what the booklet for
Hex(9100AB) contains.

| | |
|--|----|
| Hex(9100AB) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(9100AB)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9100AB |
| RGB | 145, 0, 171 |
| RGB Percent | 57%, 0%, 67% |
| CMY | 0.4314, 1.0000, 0.3294 |
| CMYK | 0.15, 1.00, 0.00, 0.33 |
| HSL | 291°, 100%, 34% |
| HSV | 291°, 100%, 67% |
| XYZ | 19.0277, 8.9600, 39.2547 |
| YIQ | 62.8490, 31.5290, 83.9210 |

Conversions

Conversions Part 2

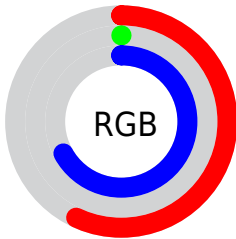
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 145, 0, 171 |
| Decimal | 9502891 |
| CIE _{Lab} | 35.91, 68.76, -52.85 |
| CIE _{LCh} | 36, 86.722, 322.453 |
| Yxy | 8.9600, 0.2830, 0.1332 |
| Android (android.graphics.Color) | 4287692971 (0xFF9100AB) |
| YUV | 62.8490, 53.3184, 72.0464 |
| Hunter-Lab | 29.9333, 61.0841, -56.7999 |

Details

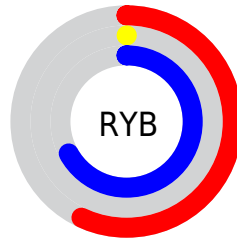
The Hex color **9100AB** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **1AAB00**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **CB4FE3**, and **590076** is the 20% darker color. If you saturate the color by 10%, you get **9100AB**, and if you desaturate by 10%, it is **9411AB**.

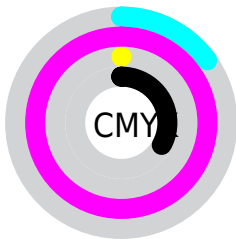
Distribution



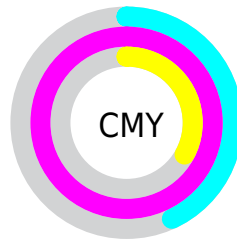
- Red (57%)
- Green (0%)
- Blue (67%)



- Red (57%)
- Yellow (0%)
- Blue (67%)



- Cyan (15%)
- Magenta (100%)
- Yellow (0%)
- Black (33%)




- Cyan (43%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9100AB changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 9100AB by changing the saturation by 10% instead.

 9100AB

 9100AB

FFFFFF

 750090

 CB4FE3

 590076

 E96CFF

 3D005C

 FF88FF

 220044

 FFA4FF

 00002C

 FFC1FF

 000117

 FFDFFF

 000000

 FFFCFF

 9100AB

 9411AB

 9622AB

 9933AB

 9B44AB

 9E55AB

 A167AB

 A378AB

 A689AB

 A89AAB

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



004BD9



9100AB



C00069

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



9100AB



764C00



006E89

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



9100AB



1AAB00

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



006D40



9100AB



336000

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9100AB



A61D00



006900



006DC4

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9100AB



C5003C



006900



006E71

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



9100AB



D49BDE



001DAB



6A4870



F0F0F0



707070

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



9100AB



BC00DE



AB0072



554E57



800096



130017

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



AB001A



DE0022



00AB39



574E4F



960017



170003

Previews

White Background



This preview shows how the Hex color 9100AB looks on a white background.

Color Contrast Check

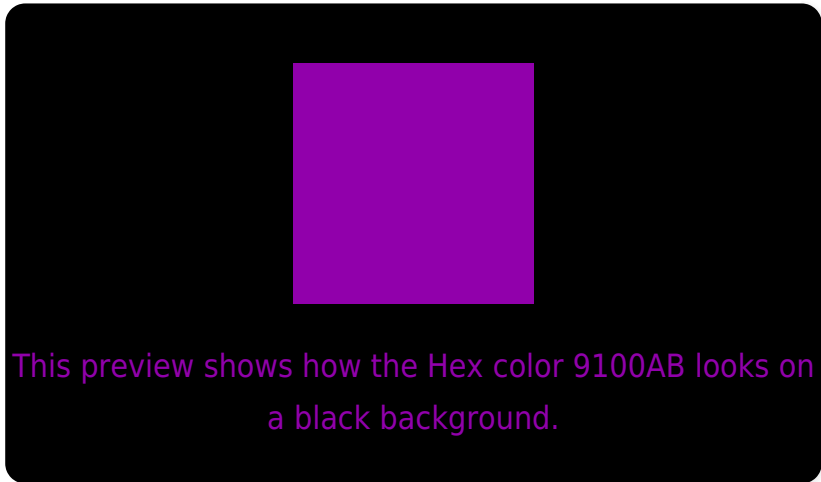
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

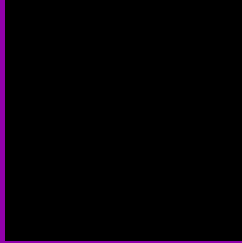
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9100AB Background



This preview shows how black text looks on a background with the Hex color 9100AB.

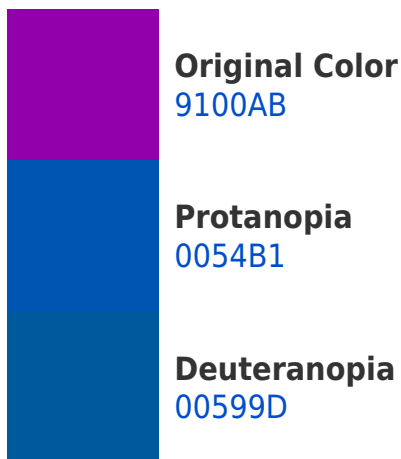



This preview shows how white text looks on a background with the Hex color 9100AB.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
844348

Trichromacy



Original Color
9100AB



Protanomaly
3535AF



Deuteranomaly
3539A2



Tritanomaly
892B6C

Monochromacy



Original Color
9100AB



Achromatopsia
3F3F3F



Achromatomaly
5D2866

CSS Examples

Text

The CSS property to change the color of the text to Hex 9100AB is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #9100AB looks like.

```
.text, #text, p{  
    color:#9100AB  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #9100AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9100AB
}
```

Border

The CSS property to change the border of an element to Hex 9100AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

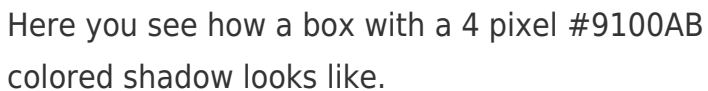
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9100AB }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#9100AB }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #9100AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9100AB; -webkit-box-shadow:4px 4px  
4px 4px #9100AB; box-shadow:4px 4px 4px  
4px #9100AB }
```

Background

The CSS property to change the background color of an element to Hex 9100AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9100AB }
```

If only the background color should be changed can be used:

```
.background{ background-color:#9100AB }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor